

PHYSICS OF THE UPPER ATMOSPHERE

KATASEV, L. A. LANGUAGE-RU COUNTRY-UR

FIZIKA VERKHNEY ATMOSFERY

GIDROMETEORIZDAT, MOSCOW DIV., MOSCOW, 1971 12
5 PP

FSTC-HT-23-0591-73

Physiology of the Vestibular Analyzer, by
V. V. Parin, et al. 250 pp.
RUSSIAN, bk, Fiziologiya Vestibulyarnogo
Analizatora, 1968, pp 5-240.
NASA TT F-616

Sci-B&M
Sep 70

Physics of the Interaction of Oceans and Atmospheres, by S. A. Kitayigorodskiy.
MOSCOW, bk, Fizika Vzdushnogo i Morskogo Atmosfery, 1970, approx. 240 pp.
CONSULTANTS BUREAU/PLANUM PRESS

sci/earth sci
oct 69

393,095

Physiology of Higher Nervous Activity, 56 pp.
RUSSIAN, mono, Fiziologiya Vysshoy Nervnoy
Deyatelnosti, Chast' II. Uslovnnye Refleksy i
Adaptivnoye Povedeniye. V Serii Rukovodstvo po
Fiziologii, Moscow, 1971, pp 2, 39-43, 180-185,
224-234, 240-255, 280-289, 327-331.
JPRS 57634

CSO: 0723/73 Completed Special 16 pp 280-289

Dec 72

Physics of Air-Sea Interaction, by S. A. Kitaigorodskiy.
RUSSIAN, bk, Fizika Vzaimodeistviya Atmosfery i Okeana,
1970.
*WTIS TT 72-50062

July 72

Agency: Picatinny Arsenal
P.O.No. Req. 92-71

R-12856-D
3 March 1971

Title: Plane Direct Shock Wave

Author: *V. V. V.*

Source: Physics of Explosions. Book 1, pp. 185-198

Language: Russian

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TGR2

SET OF PROGRAMS FOR STUDYING NONSTATIONARY
PROCESSES IN A NUCLEAR INSTALLATION WITH GAS
COOLANT ISOTHERMAL APPROXIMATION.

ARIFMETCHIKOV YE F.

UR: FIZIKA YADERNYKH REAKTOROV. No 1,
1968, pp 224-228

NEED ABSTRACT

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MT 72-24-170.2 neg
10/13/72

FIZIOL ZHURNAL SSSR, IMENI I. M. SECHENOV

See below

Ukraine - Fiziol Zhur

*Russ Fiziol Zhur
(immi)*

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UK - Low volume nos.

Zhirmunskaya, Ye. A.

A glossary of terms used in human electroencephalography
6 pp.

FIZIOLOGICHESKIY ZHURNAL SSSR imeni I. M. SECHENOVA.

Vol 51, No 2, 1965, pp 275-277

JPRS 29511

apr 65

A Simple Micromanipulator for Insertion of Electrodes
into the Brain, by A. M. Melekhova and V. L. D'yakonov,
6 pp.

RUSSIAN, per, Fiziologicheskiy Zhurnal SSSR Imeni I. M.
Sechenova, Vol. LI, No 2, Feb 65, pp. 273-280.

JPRS 30003

USSR
Sci-B/M
May 65

279,829

Results Of the Tenth Congress Of the All-Union
Society Of Physiologists Imeni I. P. Pavlov,
by V. N. Chernigovskiy, 6 pp
RUSSIAN, per, Fiziologicheskiy zhurnal SSSR imeni
I. M. Sechenova, Vol LI, No 3, 1965, pp 405-409.
JPRS 29857

USSR
Sci-B/M
May 65

279,367

Peculiarities of Gas Exchange Studies under
Rarefied Atmospheric Conditions, by N. A.
Agadzhanyan and I. R. Kalinichenko, 8 pp.
RUSSIAN, per, Fiziologicheskiy Zhurnal SSSR
imeni I. M. Sechenova, Vol 51, No 7, Jul 1965,
pp. 793-798.
JPRS 33057

USSR
Sci-B/M
Jan 66

293,640

Influence of Different Grades of Hypoxia on
Sensitivity to Epileptogenic Agents and on
Certain Functional Properties of Motor Forma-
tions of the Brain, by S. A. Dolina, 10 pp.
RUSSIAN, per, Fiziologicheskiy Zhurnal SSSR
imeni I. M. Sechenova, Vol 51, No 7, Jul 1965,
pp. 799-805.
JPRS 33056

USSR
Sci-B/M
Jan 66

293,641

Spatial Dynamics of the Left Ventricle and
Phase Structure of the Cardiac Cycle, by
El L. Karpman, V. S. Sinyakov.
RUSSIAN, per, Fiziologicheskij Zhurnal SSSR,
Vol 51, No 7, 1965, pp 832-837.
CPSTI TT-66-61760
HEW NIH 1-26-66

324,398

Sci - Biol & Med
May 67

Interceptive Electrical Reactions in Cortex
Before and After Cord Transection, by
I. A. Bulygin, K. A. Basthurin, et al. 20 pp.
RUSSIAN, per, Fiziologicheskii Zhurnal SSSR,
Vol 51, No 8, 1965, pp 926-935.
CFSTI TT-66-61322

Sci/BGM
Apr 67

322,457

Physiological Evaluation of the Average-
Reference Technique for Recording Potentials,
by E. V. Glivenko, T. A. Korolkova, et al. 25 pp
RUSSIAN, per, Giziologicheskii Zhurnal SSSR,
Vol 51, No 8, 1965, pp 943-951.
CFSTI TT-66-61302

Sci/B&M
Apr 67

322,488

Change in Oxygen Pressure in the Heart
Muscle during Ascent and Acceleration,
by Ye. A. Kovalenko and V. I. Korol'kov,
12 pp.
RUSSIAN, per, Fiziologicheskii Zhurnal imeni
I. M. Sechenova, Vol 51, No 8, Aug 1965,
pp. 966-973.
JPRS 33066

USSR
Sci-B/M
Jan 66

293,636

The Electrical Reactions of the Rat Cochlea in
Response to Short Audible Signals (Clicks), by
I. A. Vartanyan, A. M. Maruseva, 8 pp.
RUSSIAN, per, Fiziologicheskii Zhurnal SSSR im.
I. M. Sechenov, Vol 51, No 9, 1965, pp 1037-1042.
ARM/FSTC/HT-23-292-72

Mar 72

Effect of Hypoxemia and Hypercapnia on Intra-
ocular Pressure and Tonus of Intraocular Vessels,
by S. Ya. Sazonov, 13 pp.
RUSSIAN, per, Fiziologicheskii zhurnal SSSR,
Vol 51, No 9, Sept 1965, pp. 1057-1065.
JPRS 32847

USSR
Sci-B/M
Nov 65

292,232

Trend of Oxidative Processes in Denervated
Muscle with Aging, by F. I. Grishko,
RUSSIAN, per, Fiziol Zh SSSR Sechenov,
Vol 51, No 9, 1965, pp 1094-1099.
HEW NIH 12-8-65

Sci/B&M
Mar 66

297,117

Adaptation in Renal Receptors: An Electro-
Physiological Investigation, by Yu. L. Pinos.
17 pp.
RUSSIAN, per. Fiziologicheskii Zhurnal SSSR,
Vol 51, No 9, 1965, pp 1116-1122.
CPSTI TF-66-61323

Sci/B&M
Apr 67

322,490

Chamber with Automatic Device for Dosage and
Automatic Feeding of Gas Mixtures, by A. V.
Pogrebkova, 6 pp.
RUSSIAN, per, Fiziologicheskiy zhurnal SSSR,
Vol 51, No 9, Sept 1965, pp. 1133-1136.
JPRS 32847

USSR
Sci-Engr
Nov 65

292,233

Change of Muscular Working Capacity After
Exposure of Man to Hypokinetic Conditions,
by M. I. Maranov, N. Ye. Panferova,
RUSSIAN, per, Fiziologicheskii Zhurnal SSSR
Sechenov Physiological Journal of the USSR,
Vol 51, No 11, 1965, Moscow, pp 1351-1355
Dept of Navy Mic Trans 3124-70

FTD-HT-23-36-68 P10016 8868-V 67p

Sci-B&M
Nov 70

Cerebellar Control of the Afferent Stream in
the Visual System, by M. V. Ehanbabyan,
RUSSIAN, per, Fiziologicheskij Zhurnal, Vol
LI, No 12, 1965, pp 1397-1402.
CFSTI TT 66-61998

Sci-B&M

Jun 67

327,912

Intracranial Blood Content during Gravitational Stress in Rats Adapted to Hypoxia,
by A. A. Shurubura, Z. I. Barbashova and
Yu. Ya. Moskalenko, 7 pp.
RUSSIAN, per, Fiziologicheskiy Zhurnal SSSR
imeni I. M. Sechenova, Vol 51, No 12,
Dec 1965, pp. 1474-1477.
JPRS 34698

USSR
Sci-B/M
Apr 66

297,994

Active Selection by Animals and Humans of
Nitrogen-Oxygen and Helium-Oxygen Mixtures,
by I.S. Breslav, A. G. Zhironkin and Ye. N.
Salatsinskaya, 8 pp.
RUSSIAN, per, Fiziologicheskii Zhurnal SSSR
im. I. M. Sechenova, Vol 51, No 12, Dec 1965,
pp. 1501-1506.
JPRS 34698

USSR
Sci-B/M
Apr 66

297,995

Operative Procedure for Resection of Intestinal Mucous Membranes in Chronic Experiments with Dogs, by I. T. Kurtsin and V. K. Bolondinskiy,

RUSSIAN, per, Fiziologiya Zhurnal SSSR, Vol LII, 1966, pp 112-113. P911090666
ABC ANL-tr-355

Sci-BQM

Nov 66

✱

313,694

Oxygen and Carbon Dioxide Tension of the Blood
in Hypoxia, Hypercapnia and Hypocapnia, by Ye.
A. Kovalenko and V. I. Korol'kov, 10 pp.
RUSSIAN, per, Fiziologicheskii zhurnal SSSR
imeni I. M. Sechenova, Vol LII, No 2,
Feb 1966, pp. 172-178.
JPRS 34987

USSR
Sci-B/M
Apr 66

299,247

New Method for Prolonged Continuous Recording of Blood Pressure in Dogs During Exercise,
by S. M. Ksents and Yu. V. Shcherbakov,
RUSSIAN, per, Fiziologiya Zhurnal SSSR, Vol
LII, 1966, pp 198-201. P911090566
AEC ANL-tr-357

Sci-M&B
Nov 66

313,693

Model of a Circulatorily Isolated Dog's Head
and Isolated Sinocarotid Zone with Cross
Blood Supply for Studying Circulation in the
Brain, by S. S. Mikhaylov, 5 pp.
RUSSIAN, per, Fiziologicheskiy zhurnal SSSR,
Vol LII, No 2, Feb 1966, pp. 201-204.
JPRS 34987

USSR
Sci-B/M
Apr 66

299,248

Method for Repeated Sampling of Blood From
the Portal Vein, by N. Sh. Androv,
RUSSIAN, per, Fiziologiya Zhurnal SSSR, Vol
LII, 1956, pp 312-313. P911088766
AHC ANL-tr-358

Sci-B&M
Nov 66

313,692

Acryl Plastic Illumination Channels for
Intravital Microscope Examination of
Animal Tissues, by S. A. Seleznev and
L. G. Vanyukov,
RUSSIAN, per, Fiziologiya Zhurnal SSSR,
Vol LII, 1966, pp 604-606. P911088566
AEC ANL-tr-359

Sci-B&M
Nov 66

313,691

Conjugate Bilateral Functioning of the Vestibular Apparatus, by G. I. Gorgiladze.
RUSSIAN, per, Fiziol Zh SSSR Sechenov, Vol 52,
No 6, 1966, pp 669-676.
HEW-NIH (Only on Loan)
2-34-68

Sci-B&M
Mar 68

350,743

Change of Blood Insulin Activity in Healthy
People at Administration of Glucose, by
G. G. Alekseyeva, et al,
RUSSIAN, per, Fiziol Zh SSSR Sechenov, Vol
III, No 6, 1966, pp 746-749.
HEW-NIH-12-9-66

Sci-B*M
Jan 67

318,171

Normal Electrocardiogram of the Rabbit, by B. M.
Ariel, 5 pp.
RUSSIAN, per, Fiziol Zhurnal SSSR, Vol 52, No 6,
1966, pp 750-753. P911188767
AEC ANL Tr-424

327,875

Sci - Biol & Med
Jun 67

Determination of Extracellular Water in
Different Tissues, According to the Inulin
and Chlorine Distribution in Them and
Employment of the Data Obtained for a Calcula-
tion of the Intracellular Concentration of
Electrolytes, by M. S. Iuremenko, N. G.
Kochennasova.

RUSSIAN, per, Fiziol Zh SSSR Sechenov, Vol 52,
No 6, 1966, pp 765-770.
P910271167

HEW-NIH-72-8-66

Sci - Chem
Aug. 67

332,096

Oxygen Pressure in Vivo of Various Muscles
in Small Animals, by L. A. Isaakian,
RUSSIAN, per, Fiziol Zh SSSR Sechenov, Vol
LII, No 6, 1966, pp 771-775.
HEW-NIH-12-17-66

Sci-B&M
Jan 67

318,179

Analog Computer for Analyzing Electroencephalograms, by Ye. Ya. Voytinskiy and V. A. Pryanishnikov,
RUSSIAN, por, Fiziologicheskii Zhurnal SSSR imeni I. M. Sechenova, Vol LII, No 6, 1966,
pp 777-781.
ATD 66-109

Sci-Equip
Doc 66

315,500

Importance of the Amplitude of Pulse Pressure
Fluctuations for the Activity of the Carotid
Sinus Baroreceptors, by V. I. Filistovich,
Ya. I. Gero, 13 pp.
RUSSIAN, per, Fiziologicheskii Zhurnal SSSR,
Vol 52, No 7, 1966, pp 874-882.
F100340267
FTD-HT-66-753

Sci-B&M
Jan 68

346,495

The Pneumocardiophone, by R. M. Bayevskiy,
V. A. Ivanov, 6 pp.
RUSSIAN, per, Fiziologicheskii Zhurnal SSSR,
Vol 52, No 10, 1966, pp 1273-1275.
P100016268
FTD-HT-67-484

Sci-BAM
Feb 68

350,593

Fiziologicheskii Zhurnal SSSR

1966 Vol 52, No 11, pp 1289-1296

NS, N4, p390 (NS)

order from NTC

Fiziologicheskii Zhurnal SSSR
1966, Vol 52, No 11, pp 1297-1304 NS, N4, p411 (NS)

order from NTC

Changes In The Erythrocytes Of Rats Trained To
Hypoxia, by A. I. Barbashova and G. I. Grigor'yeva,
11 pp
RUSSIAN, per, Fiziologicheskiy Zhurnal USSR im I
M. Sechenov, Vol 52, No 11, November 1966,
pp 1346-1352
JPRS 39586

Sci - B&M
Jan 67

318, 55

Characteristics of the Development of Hypoxemia
and the Effectiveness of a Liquidation of it in
Middle-Aged People, by V. M. Volkov.

RUSSIAN, per, Fiziol Zh SSSR Sechenov,
Vol 52, No 11, 1966, pp 1353-1355.

HOW NIH
9-16-68

Sci/B&M
Nov 68

368,485

ARMY/Bio.Lab

T-554-1

R-8759-D

6 Oct 67

Title: Contactless Pneumography of Small Laboratory
Animals and Method for Quantitative Determination
of Their Pulmonary Ventilation.

By: Uspenskiy

From: Fiziologicheskii Zhurnal SSSR 52(11):pp 1394-1398,
1966

Russian - Est. for. wds.:

Please translate and type 1 camera ready copy.
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attached. T-554-1

Prolonged Confinement of Man in a Gas Medium
Containing a High Amount of CO₂, by A. G. Kus-
netsov, I. R. Kalinichenko.
RUSSIAN, per, Fiziologicheskii zh SSSR imeni
I. M. Sechenova, Vol 52, No 12, 1966, pp 1460-
1462.

Dept of Navy/APL/JHU T-2068

Sci-B and M
Dec 67

346,604

Fiziologicheskii Zhurnal SSSR
1967 Vol 53, No 1, pp 82-90

NS, N3, p 350 (NS)

order from NTC

Fiziologicheskii ~~NS~~ Zhurnal SSSR
1967 Vol 53, No 2, pp 150-158 NS, N3, P341 (NS)

order from NTC

Fiziologicheskii Zhurnal SSSR
1967 Vol 53, No 2, - 164-168

RTS-5533 (NLL)

order from NTC

Fiziologicheskii Zhurnal SSSR
1967, Vol 53, No 5, pp 479-487

NS,N2, P177 (NS)

order from NTC

L. D. Luk'yanova

Study of the interrelationship between bioelectric activity of the brain and its consumption of oxygen during vibrational action. 12 pp

RUSSIAN, Fiziologicheskiy zhurnal USSR, Vol 53, No 5, 1967, pp 563-570

NASA TT F 14, 570

sept 72

The Second Cienovinskiy Conference on Water-Salt
Metabolism and Kidney Function in Novosibirsk,
by Yu. V. Matochin, 6 pp.
RUSSIAN, per, Patologicheskii Zhurnal SSSR,
May 1967, Vol. 53, No. 5, pp. 609-611.
JPRS 12002

USER
Sci-BNH
Aug 67

333,500

Action Mechanism of Diethylamide of Lysergic
Acid (DLA) on the Central Nervous System, by I.
P. Anokhina, 14 pp.
RUSSIAN, per. Fiziologicheskii Zhurnal SSSR imeni
I. M. Sechenova, Vol LIII, No 9, 1967, pp 1016-
1025.
JPRS 43738

Sci-B and M
Jan 68

348,463

Fifty Years of Soviet Physiology, 16 pp.
RUSSIAN, per. Fiziologicheskii Zhurnal SSSR,
No 11, Nov 1967, pp 1269-1281.
JPRS 44064

Sed-B and M
Feb 68

349,062

Development of Physiology in Siberia during the
50 Years of the Soviet Regime, by Ye. F. Larin,
V. A. Pegel', 9 pp.
RUSSIAN, per, Fiziologicheskii Zhurnal SSSR,
No 11, Nov 1967, pp 1281-1287.
JPRS 44064

Sed-B and M
Feb 68

349,063

Eighth Conference on Age Morphology,
Physiology, and Biochemistry, by R.L. Rabin-
ovich, 5 pp.
RUSSIAN, per. Fiziologicheskii Zhurnal SSSR,
Leningrad, Feb 68, pp. 255-256.
JPRS 45,209

Sci-Bio. and Med.Sci.
April 68

355,961

On the Interrelationship Between the
Reaction of Assimilation of Photostimulation
Rhythm and the Pattern of the Background
Activity in Human EEG, by G. N. Boldyreva.
RUSSIAN, per, Fiziologicheskii Zhur. SSSR,
Vol 54, No 3, 1968, pp 261-269.
CEGB Trans 1055

Mar 72

Behaviour, "Spontaneous" and Evoked Activation of
the Brain, by V. Storm.
RUSSIAN, per, Fiziologicheskii Zhur. SSSR (Sechenov
Journal of Physiology USSR), Vol 54, No 3, 1968,
pp 276-281.
O. A. trans 1056

sci/mechan engr
Nov 71

About the Application of Principles of Dynamic
Programming to the Study of Regulation of
Intracranial Blood Circulation, by
Yu. Ye. Moskalenko, V. V. Menshutkin, et al.
11 pp.
RUSSIAN, per, Fiziologicheskii Zhurnal SSSR,
Vol 54, No 8, 1968, pp 923-929.
AIR/FID/MI-24-102-69

sci/b and m
dac 69

397,421

A Method of Determining the Placing of Electrodes in
the Brain by Dimethyl-Glyoxyme, by A. V. Iprus,
L. Ye.Karu.
RUSSIAN, per, Fiziologicheskii Zhurnal SSSR, Imeni
I. M. Sechenova, Vol 54, 1968, pp 1380-1381.
Dept of Navy APL/JHU T-2514

May 71

On the Origin of the Mueticompoment Character
of the Orthodromal Root Radix in Rats, by
V.N. Semegin, 13 pp.
RUSSIAN, per. Fiziol Zh SSSR IM Sechenova,
Vol 55, No 2, 1969, pp 138-144.
ACSI-K-0274

Oct 71

Diurnal Changes in Dark Adaption and Light
Sensitivity at Different Times of the Year,
by L. M. Durilova, N. A. Sukhovskaya. 10 pp.
RUSSIAN, per, Fiziologicheskij Zhurnal, Vol 55,
No 3, 1969, pp 300-308.
ACSI-J-7725
FSTC-HT-23-082-70

Sci-Phys
Feb 70

401,690

**EKG Characteristics of the Coupled Activity
of the Cerebral Hemispheres During Exercise
and Muscular Work in Man, by T. I. Kryvova.
RUSSIAN, par, Fiziologicheskii Zhurnal SSSR
in. I. M. Sechenova, No 4, 1969, pp 402-407.
ACSI J-6959
ID 2204004369**

**Sci-B&M
Sept 69**

391,284

Comparative Characteristics of Electrical Reactions
in Sympathetic Efferent Neurons to Centrifugal
and Centripetal Effects, by I. A. Bulygin,
O. Ye. Sokolovsky. 13 pp.

RUSSIAN, per, Fiziologicheskiy Zhurnal SSSR, im.
I. M. Sechenova, No 4, 1969, pp 445-453. 453

ACSI-J-6953

ID 2204004569

Sci-Phys
Jan 70

400,250

Micromanipulator With Stepping Motor for Micro-electrode Physiological Investigations, by
S. A. Yevdokimov.
RUSSIAN, per, Fiziologicheskii Zhurnal SSSR, Imeni
I.M. Sechenova, Vol 55, 1969, pp 889-891.
Dept of Navy APL/JHU T-2518

May 71

Problems of Physiological Adaptation and Behavior
in Ecologico-Physiological Studies, by A. D. Slonim.
18 pp.

RUSSIAN, per, Fiziol Zhurnal SSSR, Vol 55, No 8,
1969, pp 920-928.

NASA TT F-12,889

Sci-B&M
May 70

The Binocular Interaction in the Visual Cortex of
Rats, by V. L. Bianki, 8 pp.
RUSSIAN, per, Fiziologicheskiy Zhurnal SSR Iment I M
Sechenova, Vol 56, No 3, 1970, pp 305-311.
ACSI J-9697

May 71.

Multiparameter Autonomous EEG Analyzer for
Operative Testing of the Functional Condition
of a Human Operator, by A.I. Atabekyants,
8 pp.
RUSSIAN, per. Fiziologicheskiiy Zhurnal SSSR,
Vol 56, Mar. 1970, pp 443-446.
ACSI-K-0225

Oct 71

"Effect of Intensity of the Desadapting Photoc
Stimulation of Restoring the Light of the
Visual Center in Human", by V.I. Shostak and
Ye. A. Obikhova, 6 pp.
RUSSIAN, per. Fiziologicheskii Zhurnal SSSR
Imeni I.M. Sechenova, Vol 56, No 4, 1970,
pp 558-562.
ACSI-K-0214

Nov 71

Physiological Indices of State of Brain and
Muscle During High-Altitude Acclimation, by
A. A. Ayderaliyev, V. A. Baranovskiy, 12 pp.
RUSSIAN, par, Physiologicheskoy Zhurnal SSSR [transl]
I. M. Sechenov, Leningrad, Vol 56, No 9, 1970.
pp 1208-1214.
JPRS 52200

Sci-B and M
Jan 71

Effect of Muscular Training on Man's Endurance
of Heat, by F. T. Agarkov, O. S. Davlov, 11 pp.
RUSSIAN, per. ~~Kristolovitchsky Zhurnal~~ ~~Imeni~~
I. M. Sechenov, Leningrad, Vol. 35, No 9, 1970,
pp 1282-1287.
JPRS 52200

Sci-B and M
Jan 71

Average Level Distribution of Asymmetry of
the EEG Wave Phase Durations Over the Human
Brain Surface, by Ye.A. Zhirmunskaya, 10 pp.
RUSSIAN, per. Fiziologicheskii Zhurnal SSSR,
Vol 56, Oct 1970, pp 1321-1328,
ACSI-K-0888

Jan 72

O. K. Sidorenkov

The Effect of Local Cooling of the Limbs on
Vessel Tone and Stomach Circulation.
RUSSIAN, per, Fiziologicheskii Zhurnal, Vol 56,
No 10, 1970, pp 1474-1477
NTC 72-60391-06P

sept 72

The Influence of the Semicircular Canals on
the Otolith Reactions, by L.A. Semenov, 12 pp.
RUSSIAN, per. Fiziologicheskii Zhurnal SSSR,
Vol 56, 1970, pp 1546-1553,
ACSI-K-1490

Feb 72

Interaction of the Semicircular Canals and the
Otoliths, by V.A. Kisliakov, 22 pp.
RUSSIAN, per. Fiziologicheskii Zhurnal SSSR,
Vol 56, Dec 1970, pp 1731-1744.
ACSI-K-1489

Mar 72

The Contractile Function of Isolated Papillary
Muscles of the Left Ventricle in Rats
Adapted to High Attitude Hypoxia,
by V.I. Kapelko,
RUSSIAN, per. Fiziol Zh SSSR Imeni I.M. Sechen-
ova, Vol 56, No 12, 1970, pp 1787-1793.
*ACSI-K_2425

Apr 72

V. I. Kebkalo

Lung ventilation and gas exchange of a man breathing
different gas mixtures while swimming under water.

13 pp.

RUSSIAN, per, Fiziol. Zh. SSSR, Vol 57, No 12, 1971,

pp 1802-1807

NASA TT F 14,260

sept 72

G. V. Troshikhin

Breathing in an atmosphere under high pressure, by

G. V. Troshikhin. 10 pp

RUSSIAN, per, Fiziologicheskii Zhurnal, Vol 57, No 12,

1971, pp 1808-1812

NASA TT F 14,258

may 72

V. P. Zagradskiy

Respiration changes in December growing hypersapnia,
by V. P. Zagradskiy 6 pp
RUSSIAN, per, Fiziologicheskiy Zhurnal Vol 57, No 12,
1971, pp 1820-1822.
NASA TT F 14,259

may 72

Some Results of Studies of High Altitude Physiology of Man in Tien Shan and the Pamirs and Prospects for Further Research, by
M. A. Mirrakhimov, 16 pp.
RUSSIAN, per, Fiziologicheskii Zhurnal, 1962,
Leningrad, Vol 58, No 12, 1962, pp 1717-1732.
JPRS 5-358

Mar 73

UK. (Kiev)

Low volume has

FIZ. ZHURNAL (UK.) UK. (KIEV)

The Development in the Ukraine of the Ideas of A. A. Bogomolets on Human Physiological Aging and Longevity, by A. F. Makarchenko and A. Z. Kolchinskaya, 11 pp. UKRAINIAN, per, Fiziologichnyy Zhurnal, Vol XI, No 1, Jan-Feb 65, pp. 3-9. JPRS 30099

USSR
Sci-B/M
May 65

230,028

Human Thermoregulation in the Light of Cybernetics,
by M. K. Vitte, 7 pp.
UKRAINIAN, per, Fiziologichnyy Zhurnal, Vol XI, No 1,
Jan-Feb 65, pp. 32-36.
JPRS 30099

USSR
Sci-B/M
May 65

280,029

The Influence of Hypothermia on the Condition
Reflexes of Cold-blooded Vertebrates, by T. O.
Arafeva, 14 p.
RUSSIAN, per, Fiziologichnyi Zhurnal, Vol XI, No 1,
1965, pp 45-51.
CFSTI TT 66-60425

Sci-B&M
Jun 66

303,681

Reaction of the Neural Elements of the Gastrointestinal Tract to the Radiation Effect Due to Total X-Ray Irradiation, by Z. Ya. Tkachenko, 10 pp.
UKRAINIAN, per, Fiziologichnyy Zhurnal, Vol XI, No 1, Jan-Feb 65, pp. 104-110.
JPRS 30099

USSR
Sci-B/M
May 65

280,030

Determining the Instantaneous Blood Volume by
the Thermal Dilution Method, by M. M. Povzhitkov,
D. O. Golov, 5 pp.
UKRAINIAN, per, Fiziologichnyi Zhurnal, Vol 11,
No 4, 1965, pp 548-550.
AIR/FTD/HT-23-716-67

Sci-B and M
Nov 68

368,168

Effect of Transfusion of the Protein Blood
Substitute BK-8 on the Protein Composition
of the Blood Serum in Old Animals, by I. M.
Alekseyeva, 11 pp.

UKRAINIAN, per, Fiziologichnyi Zhurnal, Vol
12, No 1, Jan-Feb 1966, pp. 56-62.

JPRS 35187

USSR
Sci-B/M
May 66

299,927

Change in the Biophysical Parameters of the
Protoplasm's Surface Layer of Mollusc Neurons
Induced by Ionizing Radiation, by V. I. Bogo-
molets' and V. A. Mayskiy, 9 pp.
UKRAINIAN, per, Fiziologichnyi Zhurnal, Vol 12,
No 1, Jan-Feb 1966, pp. 63-68.
JPRS 35187

USSR
Sci-Phys
May 66

299,928

Changes in the Tigroid Substances of Neurons
Under the Effect of Radio Waves,
RUSSIAN, per, Fiziologicheskyy Zhurnal, Vol
XII, No 1, 1966, pp 70-78.
ATD 67-3

Sci-Nucl Sci
Apr 67

322,965

Importance of Adaptation to Hypoxia for
Prevention of Aging, by N. N. Sirotinin.
RUSSIAN, per, Fiziol Zh (Kiev), No 12,
1966, pp 138-146.

INSW NHH
9-24-68

JPRS 36165

Sci/RCM
Nov 68

368,493

Directed Application of Biologically Active
Substances as a Means of Active Prevention of
Premature Aging Increasing Vitality during
Physiological Aging, by Yu. O. Spasokukots'kyi
10 pp.

UKRAINIAN, per, Fiziologichnyy Zhurnal, Vol
XII, No 2, Mar-Apr 1966, pp. 147-154.
JPRS 36165

USSR
Sci-Phys.
Jul 66

304,636

Reflexograph -- A Device for the Study of
Human Higher Nervous Activity, by K. O. Shka-
bara, Ye. A. Rushkevych, V. V. Kornyehev, and O.
Ya. Mazurenko, 7 pp.
UKRAINIAN, per, Fiziologichnyy zhurnal, Vol XII,
No 2, Mar-Apr 1966, pp. 269-272.
JPRS 36165

USSR
Sci-B/M
Jul 66

304,637

Glass Microelectrodes with Metal Conductors for
Extracellular Recording of Potentials, by L. V.
Reshod'ko and O. P. Vetrov, 6 pp.
UKRAINIAN, per, Fiziologicheskyy zhurnal, Vol XII,
No 2, Mar-Apr 1966, pp. 272-274.
JPRS 36165

USSR
Sci-Phys,
Jul 66

304,638

On the Procedure of Implanting Electrodes for
Recording Biocurrents and Stimulation of
Peripheral Nerves, by Y. V. Ganitkevich
RUSSIAN, per, Fyziologicheskii Zhurnal, Vol 12,
No 3, 1966, pp 411-412
NTC 71-15325-06P

mar 72

Reanimation of Dogs After Clinical Death
Due to the Effect of Radial Acceleration,
by V. D. Yankovs'kyy, O. P. Morozov, 7 pp.
UKRAINIAN, per, Fiziologichnyy Zhurnal,
Vol 12, No 5, 1966, pp 571-575.
AIR/FTD/HT-23-1265-67
AD 677262

Sci/B&M
Jan 69

353,219

On the 60th Birthday of Academician V. P.
Komisharenko of the Ukrainian Academy of Sciences,
by O. F. Makarchenko and V. S. Lusenko, 5 pp.
UKRAINIAN, per, Fiziologichnyi zhurnal, Vol
XIII, No. 1, 1967, pp. 134-137.
JPRS 40838

USSR
Soc
July 67

329,645